

## REMARKS

Applicant has read and considered the Office Action dated January 3, 2008 and the references cited therein. In response, claim 25 has been amended and claims 1-24 and 26-30 have been canceled without prejudice to their future prosecution. Also, new claims 31-62 have been added. Claims 25 and 31-62 are presently pending in this application. It is requested for the present application to be reexamined and reconsidered in its amended form.

### I. Interview Summary

On May 12, 2008, a phone interview was conducted between the undersigned and Examiner Nguyen. During the interview, U.S. Patent No. 504,397 to Marsh was discussed. For example, it was discussed that Marsh disclosed paper as the insulation material in which channels were formed. It was also discussed that concern about crushing is a significant consideration that would likely discourage one of skill in the art from applying the teaching of Marsh to a twisted pair telecommunications cable. Also, the subject matter of claims 16 and 25 was discussed in view of Marsh. No specific agreement was reached with respect to the claims.

### II. Claims 1-24 and 26-30

Claims 1-24 and 26-30 have been canceled to expedite prosecution of this application. In canceling these claims, Applicants are in no way agreeing with the rejections raised in the Office Action of January 3, 2008. For example, among other things, Applicants disagree that it would have been obvious to one of skill in the art to use two of the insulated conductors of Marsh to form a twisted pair for use in a data transmission cable as alleged by the Examiner at page 8 of the Office Action of January 3, 2008. Applicants will likely pursue much of the subject matter of the canceled claims through the use of continuing applications.

### III. Claim 25

Claim 25 was rejected under 35 U.S.C. §112 as being indefinite. To overcome this rejection, the Examiner proposed various claim amendments. In this response, claim 25 has been amended to include similar amendments to those proposed by the Examiner. In view of the

amendments to claim 25, it is submitted that claim 25 fully complies with 35 U.S.C. §112 and withdrawal of the rejection for indefiniteness is respectfully requested.

Claim 25 was also rejected under 35 U.S.C. §103(a) as being unpatentable over United States Patent No. 504,397 to Marsh. This rejection is respectfully traversed. Claim 25 relates to a communication cable having multiple twisted pairs. The twisted pairs each include two conductors. The conductors are individually covered by insulation defining at least one channel. The channels of a first pair of conductors has a different cross-sectional area than the channels of a second pair of conductors. This difference in the cross-sectional area is designed to reduce the delay skew that occurs between the twisted pairs. A description of how each cross-sectional areas of the channels can be used to reduce delay skew between sets of twisted pairs is provided at paragraph 44 of the application as filed.

Marsh discloses conductors covered by channeled insulation. Marsh also discloses different types of channel configurations (e.g., see Figs. 2, 4, and 5). However, nowhere does Marsh teach that the disclosed wires could be twisted together to form a twisted pair. Moreover, Marsh provides absolutely no teaching that the cross-sectional areas of channels defined in the insulation of a first twisted pair of wires could be varied as compared to the cross-sectional area of the channels defined by a second twisted pair of wires so as to reduce the delay skew that occurs between the two sets of twisted pairs within a given cable. Nothing regarding delay skew or advantages that could be provided by varying the cross-sectional areas of the channels defined by different sets of twisted wire pairs within a cable is mentioned at all in Marsh. Therefore, it is submitted that Marsh does not render obvious claim 25 and withdrawal of the rejection under 35 U.S.C. §103(a) is respectfully requested.

Claim 25 was also rejected on the ground of non-statutory obviousness-type double patenting as being unpatentable over claim 38 of U.S. Patent No. 7,049,519. In response, a Terminal Disclaimer with respect to the '519 patent is included herewith.

IV. New Claims 31-62

New claims 31-62 include independent claims 31 and 46. Both of these claims relate to a telecommunications cable having first and second twisted wire pairs positioned inside a jacket. The wires of the twisted wire pairs include conductors surrounded by insulators. The insulators define insulator channels having lengths that run generally along the lengths of the conductors. The insulator channels corresponding to the first wire pair define a larger cross-sectional area than the insulator channels of the second twisted wire pair. For at least the same reason specified with respect to claim 25, it is submitted that independent claims 31 and 46 are in immediate condition for allowance. Moreover, claims 32-45 and 57-62 depend from claim 31 and claims 47-56 depend from claim 46. Therefore, it is submitted that such dependent claims are also in immediate condition for allowance.

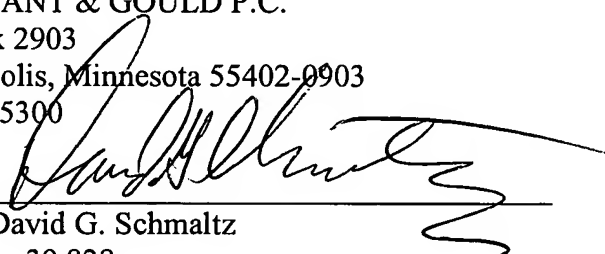
V. Conclusion

In view of the above amendments and remarks, it is submitted that the present patent application is in immediate condition for allowance and notification to that effect is respectfully requested. Please direct any inquiries concerning this application to the undersigned attorney at 612.336.4617.

Respectfully submitted,

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